

Form PTO-1449 Substitute

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 Applicant: Edward T. Bullister
 Appn. Title: Multifunctional Portable Computing Device with Special Housing
 Examiner:
 Group Art Unit:

U.S. PATENT DOCUMENTS

Initial	Document Number	Date	Name	Class	Subclass	Filing Date
OC	3622720	11/23/71	Allen	200	50A	8/19/70
	3940758	2/24/76	Margolin	340	337	9/20/74
	4075702	2/21/78	Davies	364	705	3/12/76
	4395704	7/26/83	Kishimoto et al.	340	365	9/21/81
	4517660	5/14/85	Fushimoto et al.	364	708	5/6/83
	4597681	7/1/86	Hodges	400	488	12/15/83
	4903221	2/20/90	Krenz	364	708	10/20/90
	4926365	5/15/90	Hsieh	364	708	8/26/88
	4939514	7/3/90	Miyazaki	341	22	12/19/88
	5021922	6/4/91	Davis et al.	361	380	11/22/89
	5087910	2/11/92	Guyot-Sionnest	340	711	9/14/90
	5163765	11/17/92	Levy	400	492	3/4/92
	5267127	11/30/93	Pollitt	361	680	10/22/92
	5278779	1/11/94	Conway et al.	364	708.1	6/26/92
	5187644	2/16/93	Crisan	340	688	
	5494447	2/27/96	Zaidan	439	31	3/21/95
OC	5574481	11/12/96	Lee	345	168	1/31/94

(PATENTS PREVIOUSLY SUBMITTED IN PARENT)

Initial	Document Number	Date	Name	Class	Subclass	Filing Date
✓	4264962	4/28/81	Kodaira	364	707	
	4703160	10/27/87	Narishina	235	1	
	4742478	5/3/88	Nigro	364	708	
	4796977	1/10/89	Drake	350	331	
	4799771	1/24/89	Taniguchi	350	334	
	4882471	11/21/89	Kai	235	1	
	4918632	4/17/90	York	364	708	
	4959887	10/2/90	Gruenberg	16	223	
	4969830	11/13/90	Daly	439	136	
	5002184	3/26/91	Lloyd	206	305	
	5067834	11/26/91	Szmanda	400	489	
	5103376	4/7/92	Blonder	361	393	
	5109354	4/28/92	Yamashita	364	708	
	5119078	6/2/92	Grant	340	711	
	5122876	6/16/92	Aoki	358	133	
	5196993	3/23/93	Herron	361	393	
	5233502	8/3/93	Beatty	361	729	
	5241451	8/31/93	Walburn	361	785	
	5260885	11/9/93	Ma	364	708.1	
	5268817	12/7/93	Miyagawa	361	729	
	5285398	2/8/94	Janik	364	708.1	
	5295089	3/15/94	Ambasz	364	708.1	
	5363227	11/8/94	Ichikawa	359	83	
	5363276	11/8/94	Crockett	361	752	
	5383138	1/17/95	Motoyama	364	708.1	
	5410333	4/25/95	Conway	345	169	
✓	5410447	4/25/95	Miyagawa	361	681	

Initial	Document Number	Date	Name	Class	Subclass	Filing Date
✓	5235495	10/10/93	Blair et al.	361	680	9/21/92
	5321579	6/14/94	Brown et al.	361	681	6/5/92
	5325984	7/5/94	Ady et al.	220	342	5/21/93
	5333116	7/26/94	Hawkins et al.	364	708.1	3/3/93
	5335142	8/2/94	Anderson	361	681	12/21/92
	5340073	8/23/94	Masakazu	248	291	2/17/93
	5345362	9/6/94	Winkler	361	681	4/29/93
	5347477	9/13/94	Lee	364	709	3/2/93
	5375076	12/20/94	Goodrich et al.	364	708.1	9/10/93
✓	5416730	5/16/95	Lookofsky	364	708.1	11/19/93

FORIEGN PATENTS

Initial	Document Number	Date	Country	Class	Subclass	Translated
✓	0530829A2	4/9/92	European	G06F 1/16		Y

OTHER MATERIAL

IBM Technical Disclosure Bulletin Vol 32, No. 10B, March 1990
 "Foldable Keyboard" marketing material.

EXAMINER	DATE CONSIDERED
<i>Dan Clark</i>	<i>3/12/06</i>